

JAMIESON CORPORATION

MODELS: Jamieson J-1 (Remodeled Culver Army PQ-8A, Navy TDC-2), 2 PCLM

T.C. NUMBER: 2-584 (Approved 5/23/46)

(Remodeled by C.M. Jamieson, 1039 South Topeka Avenue, Wichita 11, KS)

Engine	Lycoming O-290-B		
Fuel	73 minimum octane aviation gasoline		
Engine limits	For all operations 2600 rpm (125 hp)		
Propeller limit	Static rpm at maximum throttle setting: Not more than 1790 rpm; not less than 1730 rpm		
Airspeed limits	Diameter: Not more than 72 in./ not less than 70 in. Level flight or climb - 130 mph True Ind. Glide of dive - 175 mph True IND.		
C.G. range	(+10.6) to (+15.1)		
Datum	Leading edge of wing at fuselage (18 in. forward of wing attachment fitting)		
Leveling means	Plumb bob line from upper rear engine mount attaching bolt to reference mark 5-11/16 in. aft of lower rear engine mount attaching bolt.		
Maximum weight	1535 lbs.		
No. seats	2 (pilot and passenger) (+27)		
Maximum baggage	40 lbs. (+43)		
Fuel capacity	24 gallons (one fuselage tank) (-3)		
Oil capacity	2 gallons (-28)		
Control surface	Elevator	Up 14 degrees	Down 28 degrees
movements	Elevator tab	Up 12 degrees	Down 22 degrees
(Maximum tolerance	Aileron	Up 14 degrees	Down 14 degrees
plus or minus 1	Aileron tab	Fixed	

degree on all surfaces except ailerons plus 2 degrees only.)	Rudder	Right 16 degrees	Left 17 degrees
Serial Nos. eligible	Rudder tab	Fixed	
Required equipment	Stabilizer	Fixed	
Certification basis	See NOTE 2		
Export eligibility	1, 101, 103, 104, 201, and 202		
	Airworthiness certificate only (CAR 04.031 of CAR 04a)		
	Eligible for export as follows subject to inspection for equipment specified in Chapter XII of Manual of Procedure:		
	(a) Canada		
	- Landplane - eligible		
	- Skiplane - not eligible		
	(b) All other countries except Australia, Great Britain and New Zealand.		

#### EQUIPMENT:

Items included in required list may not be removed unless replaced by approved equivalent items. The effect upon balance of all equipment changes must be computed and the aircraft operation record revised accordingly. Values in inches shown in parenthesis after each item represent horizontal arms to the C.G. of the item measured minus (-) ahead and plus (+) to the rear of the datum. A plus (+) or minus (-) sign preceding the weight of an optional item indicates the net weight change between that item and the equivalent required item.

#### Propellers and Propeller Accessories

1. Propeller - Sensenich 72EC-66 or any other fixed pitch wood propeller which is eligible for the engine power and speed and which meets the diameter and static rpm limits given above.

#### Engine and Engine Accessories - Fuel and Oil Systems

- |  |         |       |
|--|---------|-------|
| 101. Carburetor air heater                                 | 2 lbs.  | (-29) |
| 102. Carburetor air scoop with filter - Air maze           | 5 lbs.  | (-34) |
| 103. Engine-driven fuel pump - Pesco 2P-227-CA or DA or DD | 2 lbs.  | (-19) |
| 104. Hand fuel pump (AC No. 1523197)                       | 2 lbs.  | (-13) |
| 105. Starter - Eclipse Model 635                           | 17 lbs. | (-17) |
| 106. Engine-driven fuel pump - Romec RB-4360-4C-A          | 2 lbs.  | (-19) |

#### Landing Gear

- |   |         |       |
|---|---------|-------|
| 201. 6.00-6 main wheels (Goodyear L6H/MBS) with 1/8" single disc brakes and 4-ply tires and tubes | 35 lbs. | (+29) |
| 202. 5.00-4 nose wheel (Hayes 451M less brake) with 6-ply tire and tube                           | 10 lbs. | (-30) |
| 203. Nose wheel mud scraper   | 1 lb.   | (-26) |

#### Electrical Equipment

- |  |                        |       |
|--|------------------------|-------|
| 301. Battery - 12 volt - 24 Amp Hr. Min. | Maximum weight 40 lbs. | (+48) |
| 302. Generator                           |                        |       |
| (a) Leece - Neville E-7A, 50 Amp.        | 24 lbs.                | (-15) |
| (b) Eclipse Type 790 model 3-D, 50 Amp.  | 24 lbs.                | (-15) |
| (c) Eclipse Type 790 model 3-A, 25 Amp.  | 24 lbs.                | (-15) |

NOTE 1. Weight and balance report including list of equipment included in certificated weight empty, and loading instructions when necessary, must be submitted for each aircraft with original inspector's report and each subsequent report covering change in equipment. Each airplane must be weighed to determine its weight and balance prior to original certification.

NOTE 2. All Army and Navy serial numbers corresponding to Culver Serial Numbers L304AR to L703AR, inclusive, are eligible for certification when converted in accordance with the approved Jamieson data.

NOTE 3. The following permanent placard shall be installed on the instrument panel in full view of the pilot: "Intentional Spinning Prohibited."